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> This Raw Listing contains the General
> Information Section and up to the first 5 pages.

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 1                                   SEQUENCE LISTING      ENTERED
 2
 3     (1)     General Information:
 4
 5          (i) APPLICANTS: Xu, Jiangchun
 6        Dillon, Davin C.
 7
 8     (ii) TITLE OF INVENTION: COMPOUNDS FOR IMMUNODIAGNOSIS OF PROSTATE CANCER AND METHO
 9
10        (iii) NUMBER OF SEQUENCES: 224
11
12        (iv) CORRESPONDENCE ADDRESS:
13              (A) ADDRESSEE: SEED and BERRY LLP
14              (B) STREET: 6300 Columbia Center, 701 Fifth Avenue
15              (C) CITY: Seattle
16              (D) STATE: WA
17              (E) COUNTRY: USA
18              (F) ZIP: 98104
19
20        (v) COMPUTER READABLE FORM:
21              (A) MEDIUM TYPE: Floppy disk
22              (B) COMPUTER: IBM PC compatible
23              (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24              (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
25
26        (vi) CURRENT APPLICATION DATA:
27              (A) APPLICATION NUMBER:
28     (B)   FILING DATE: 25-FEB-1998
29     (C) CLASSIFICATION:
30
31        (viii) ATTORNEY/AGENT INFORMATION:
32              (A) NAME: Maki, David J.
33              (B) REGISTRATION NUMBER: 31,392
34              (C) REFERENCE/DOCKET NUMBER: 210121.428C3
35
36        (ix) TELECOMMUNICATION INFORMATION:
37              (A) TELEPHONE: (206) 622-4900
38              (B) TELEFAX: (206) 682-6031
39
40
41     (2) INFORMATION FOR SEQ ID NO:1:
42
43        (i) SEQUENCE CHARACTERISTICS:
44              (A) LENGTH: 814 base pairs
45              (B) TYPE: nucleic acid
46              (C) STRANDEDNESS: single
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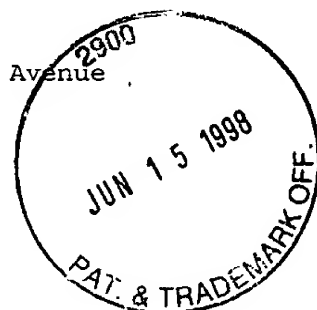
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49         (ii) MOLECULE TYPE: cDNA
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55    CCAGGGGGTC CAGTCCCTCT CCTTACTTCA TCCCCATCCC ATGCCAAAGG AAGACCCTCC     180
56    CTCCTTGGCT CACAGCCTTC TCTAGGCTTC CCAGTGCCTC CAGGACAGAG TGGGTTATGT     240
57    TTTCAGCTCC ATCCTTGCTG TGAGTGTCTG GTGCGTTGTG CCTCCAGCTT CTGCTCAGTG     300
58    CTTCATGGAC AGTGTCCAGC ACATGTCACT CTCCACTCTC TCAGTGTGGA TCCACTAGTT     360
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61    ATTCCACACA ACATACGAGC CGGAAGCATA AAGTGTAAAG CCTGGGGTGC CTAATGAGTG     540
62    ANCTAACTCA CATTAATTGC GTTGCGCTCA CTGNCCGCTT TCCAGTCNGG AAAACTGTCG     600
63    TGCCAGCTGC ATTAATGAAT CGGCCAACGC NCGGGGAAAA GCGGTTTGCG TTTTGGGGGC     660
64    TCTTCCGCTT CTCGCTCACT NANTCCTGCG CTCGGTCNTT CGGCTGCGGG GAACGGTATC     720
65    ACTCCTCAAA GGNGGTATTA CGGTTATCCN NAAATCNGGG GATACCCNGG AAAAAANTTT     780
66    AACAAAAGGG CANCAAAGGG CNGAAACGTA AAAA                                 814
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71              (A) LENGTH: 816 base pairs
72              (B) TYPE: nucleic acid
73              (C) STRANDEDNESS: single
74              (D) TOPOLOGY: linear
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76         (ii) MOLECULE TYPE: cDNA
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78         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
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80    ACAGAAATGT TGGATGGTGG AGCACCTTTC TATACGACTT ACAGGACAGC AGATGGGGAA      60
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83    AAGTTTGCAG ATGTATTTGC AAAGAAGACG AAGGCAGAGT GGTGTCAAAT CTTTGACGGC     240
84    ACAGATGCCT GTGTGACTCC GGTTCTGACT TTTGAGGAGG TTGTTCATCA TGATCACAAC     300
85    AAGGAACGGG GCTCGTTTAT CACCAGTGAG GAGCAGGACG TGAGCCCCCG CCCTGCACCT     360
86    CTGCTGTTAA ACACCCCAGC CATCCCTTCT TTCAAAAGGG ATCCACTAGT TCTAGAAGCG     420
87    GCCGCCACCG CGGTGGAGCT CCAGCTTTTG TTCCCTTTAG TGAGGGTTAA TTGCGCGCTT     480
88    GGCGTAATCA TGGTCATAGC TGTTTCCTGT GTGAAATTGT TATCCGCTCA CAATTCCCCC     540
89    AACATACGAG CCGGAACATA AAGTGTTAAG CCTGGGGTGC CTAATGANTG AGCTAACTCN     600
90    CATTAATTGC GTTGCGCTCA CTGCCCGCTT TCCAGTCGGG AAAACTGTCG TGCCACTGCN     660
91    TTANTGAATC NGCCACCCCC CGGGAAAAGG CGGTTGCNTT TTGGGCCTCT TCCGCTTTCC     720
92    TCGCTCATTG ATCCTNGCNC CCGGTCTTCG GCTGCGGNGA ACGGTTCACT CCTCAAAGGC     780
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96
97         (i) SEQUENCE CHARACTERISTICS:
98              (A) LENGTH: 773 base pairs
99              (B) TYPE: nucleic acid
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RAW SEQUENCE LISTING
PATENT APPLICATION *US/09/030,606*

INPUT SET: S2902.raw

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101             (D)  TOPOLOGY: linear
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109   TCCTCAAAAG TCAGAACCGG AGTCACACAG GCATCTGTGC CGTCAAAGAT TTGACACCAC       180
110   TCTGCCTTCG TCTTCTTTGC AAATACATCT GCAAACTTCT TCTTCATTTC TGGCCAATCA       240
111   TCCATGCTCA TCTGATTGGG AAGTTCATCA GACTTTAGTC CANNTCCTTT GATCAGCAGC       300
112   TCGTAGAACT GGGGTTCTAT TGCTCCAACA GCCATGAATT CCCCATCTGC TGTCCTGTAA       360
113   GTCGTATAGA AAGGTGCTCC ACCATCCAAC ATGTTCTGTC CTCGAGGGGG GGCCCGGTAC       420
114   CCAATTCGCC CTATANTGAG TCGTATTACG CGCGCTCACT GGCCGTCGTT TTACAACGTC       480
115   GTGACTGGGA AAACCCTGGG CGTTACCAAC TTAATCGCCT TGCAGCACAT CCCCCTTTCG       540
116   CCAGCTGGGC GTAATANCGA AAAGGCCCGC ACCGATCGCC CTTCCAACAG TTGCGCACCT       600
117   GAATGGGNAA ATGGGACCCC CCTGTTACCG CGCATTNAAC CCCCGCNGGG TTTNGTTGTT       660
118   ACCCCCACNT NNACCGCTTA CACTTTGCCA GCGCCTTANC GCCCGCTCCC TTTCNCCTTT       720
119   CTTCCCTTCC TTTCNCNCCN CTTTCCCCCG GGGTTTCCCC CNTCAAACCC CNA            773
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121   (2)  INFORMATION FOR SEQ ID NO:4:
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124             (A)  LENGTH: 828 base pairs
125             (B)  TYPE: nucleic acid
126             (C)  STRANDEDNESS: single
127             (D)  TOPOLOGY: linear
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129        (ii)  MOLECULE TYPE: cDNA
130
131        (xi)  SEQUENCE DESCRIPTION: SEQ ID NO:4:
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134   AATGGGCAGA CACAGGTGTA TGCCAATGTT TCTGAAATGG GTATAATTTC GTCCTCTCCT       120
135   TCGGAACACT GGCTGTCTCT GAAGACTTCT CGCTCAGTTT CAGTGAGGAC ACACACAAAG       180
136   ACGTGGGTGA CCATGTTGTT TGTGGGGTGC AGAGATGGGA GGGGTGGGGC CCACCCTGGA       240
137   AGAGTGGACA GTGACACAAG GTGGACACTC TCTACAGATC ACTGAGGATA AGCTGGAGCC       300
138   ACAATGCATG AGGCACACAC ACAGCAAGGA TGACNCTGTA AACATAGCCC ACGCTGTCCT       360
139   GNGGGCACTG GGAAGCCTAN ATNAGGCCGT GAGCANAAAG AAGGGGAGGA TCCACTAGTT       420
140   CTANAGCGGC CGCCACCGCG GTGGANCTCC ANCTTTTGTT CCCTTTAGTG AGGGTTAATT       480
141   GCGCGCTTGG CNTAATCATG GTCATANCTN TTTCCTGTGT GAAATTGTTA TCCGCTCACA       540
142   ATTCCACACA ACATACGANC CGGAAACATA AANTGTAAAC CTGGGGTGCC TAATGANTGA       600
143   CTAACTCACA TTAATTGCGT TGCGCTCACT GCCCGCTTTC CAATCNGGAA ACCTGTCTTG       660
144   CCNCTTGCAT TNATGAATCN GCCAACCCCC GGGGAAAAGC GTTTGCGTTT TGGGCGCTCT       720
145   TCCGCTTCCT CNCTCANTTA NTCCCTNCNC TCGGTCATTC CGGCTGCNGC AAACCGGTTC       780
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152             (B)  TYPE: nucleic acid
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153                (C) STRANDEDNESS: single
154                (D) TOPOLOGY: linear
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156        (ii) MOLECULE TYPE: cDNA
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158        (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
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163   TGAAGTAAAT CTAGCCATGC TTTTAAAAAA TGCTTTAGGT CACTCCAAGC TTGGCAGTTA       240
164   ACATTTGGCA TAAACAATAA TAAAACAATC ACAATTTAAT AAATAACAAA TACAACATTG       300
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180                (C) STRANDEDNESS: single
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183        (ii) MOLECULE TYPE: cDNA
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189   TGTAAAGTGA AATATTAGTT GGCGGATGAA GCAGATAGTG AGGAAAGTTG AGCCAATAAT       180
190   GACGTGAAGT CCGTGGAAGC CTGTGGCTAC AAAAAATGTT GAGCCGTAGA TGCCGTCGGA       240
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192   TAAAATTGTA ATAAGCAGTG CTTGAATTAT TTGGTTTCGG TTGTTTTCTA TTAGACTATG       360
193   GTGAGCTCAG GTGATTGATA CTCCTGATGC GAGTAATACG GATGTGTTTA GGAGTGGGAC       420
194   TTCTAGGGGA TTTAGCGGGG TGATGCCTGT TGGGGGCCAG TGCCCTCCTA GTTGGGGGGT       480
195   AGGGGCTAGG CTGGAGTGGT AAAAGGCTCA GAAAAATCCT GCGAAGAAAA AAACTTCTGA       540
196   GGTAATAAAT AGGATTATCC CGTATCGAAG GCCTTTTTGG ACAGGTGGTG TGTGGTGGCC       600
197   TTGGTATGTG CTTTCTCGTG TTACATCGCG CCATCATTGG TATATGGTTA GTGTGTTGGG       660
198   TTANTANGGC CTANTATGAA GAACTTTTGG ANTGGAATTA AATCAATNGC TTGGCCGGAA       720
199   GTCATTANGA NGGCTNAAAA GGCCCTGTTA NGGGTCTGGG CTNGGTTTTA CCCNACCCAT       780
200   GGAATNCNCC CCCCGGACNA NTGNATCCCT ATTCTTAA                              818
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204        (i) SEQUENCE CHARACTERISTICS:
205                (A) LENGTH: 817 base pairs
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INPUT SET: S2902.raw

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206            (B) TYPE: nucleic acid
207            (C) STRANDEDNESS: single
208            (D) TOPOLOGY: linear
209
210      (ii) MOLECULE TYPE: cDNA
211
212      (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
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216  GGTTTGCTCC ACAGATTTCA GAGCATTGAC CGTAGTATAC CCCCGGTCGT GTAGCGGTGA     180
217  AAGTGGTTTG GTTTAGACGT CCGGGAATTG CATCTGTTTT TAAGCCTAAT GTGGGGACAG     240
218  CTCATGAGTG CAAGACGTCT TGTGATGTAA TTATTATACN AATGGGGGCT TCAATCGGGA     300
219  GTACTACTCG ATTGTCAACG TCAAGGAGTC GCAGGTCGCC TGGTTCTAGG AATAATGGGG     360
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221  ATTGGTGGCC AATTGATTTG ATGGTAAGGG GAGGGATCGT TGAACTCGTC TGTTATGTAA     480
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224  GAATNTTNNG GAAAAGGGCT TACAGGACTA GAAACCAAAT ANGAAAANTA ATNNTAANGG     660
225  CNTTATCNTN AAAGGTNATA ACCNCTCCTA TNATCCCACC CAATNGNATT CCCCACNCNN     720
226  ACNATTGGAT NCCCCANTTC CANAAANGGC CNCCCCCCGG TGNANNCCNC CTTTTGTTCC     780
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234            (C) STRANDEDNESS: single
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237      (ii) MOLECULE TYPE: cDNA
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243  CTGAAGCGCA CGTCCCAGAA GGTGGACTTG GCACTGAAAC AGCTGGGACA CATCCGCGAG     180
244  TACGAACAGC GCCTGAAAGT GCTGGAGCGG GAGGTCCAGC AGTGTAGCCG CGTCCTGGGG     240
245  TGGGTGGCCG ANGCCTGANC CGCTCTGCCT TGCTGCCCCC ANGTGGGCCG CCACCCCCTG     300
246  ACCTGCCTGG GTCCAAACAC TGAGCCCTGC TGGCGGACTT CAAGGANAAC CCCCACANGG     360
247  GGATTTTGCT CCTANANTAA GGCTCATCTG GGCCTCGGCC CCCCCACCTG GTTGGCCTTG     420
248  TCTTTGANGT GAGCCCCATG TCCATCTGGG CCACTGTCNG GACCACCTTT NGGGAGTGTT     480
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250  CAAGNCCTGN ATCCACTNNT NCTANAACCG GCCNCCNCCG CNGTGGAACC CNCCTTNTGT     600
251  TCCTTTTCNT TNAGGGTTAA TNNCGCCTTG GCCTTNCCAN NGTCCTNCNC NTTTTCCNNT     660
252  GTTNAAATTG TTANGCNCCC NCCNNTCCCN CNNCNNCNAN CCCGACCCNN ANNTTNNANN     720
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256  (2) INFORMATION FOR SEQ ID NO:9:
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258         (i) SEQUENCE CHARACTERISTICS:
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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION   *US/09/030,606*

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